The majority of this talk will examine the Bruhat stratified orthogonal group:

- The Bruhat cells of the general linear group assemble as a combinatorial stratification of the orthogonal group.

- Compatibility of this stratification with matrix multiplication can be articulated as an associative algebra structure on its exit-path category in a certain *Morita* category of categories.

- Articulated as so, there is an action of this Bruhat stratified orthogonal group $O(n)$ on the category of $n$-categories; this action is given by adjoining adjoints.

- This results in a continuous action of the topological group $O(n)$ on the category of $n$-categories with adjoints.

The last point is a ket input into a proof of the Cobordism Hypothesis using factorization homology – this context will be discussed.

This is joint work with John Francis.

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